

*MICE Prototype Cavity Progress  
@ MTA  
Last 12 Months*

Ralph J. Pasquinelli

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# MTA Operations Center



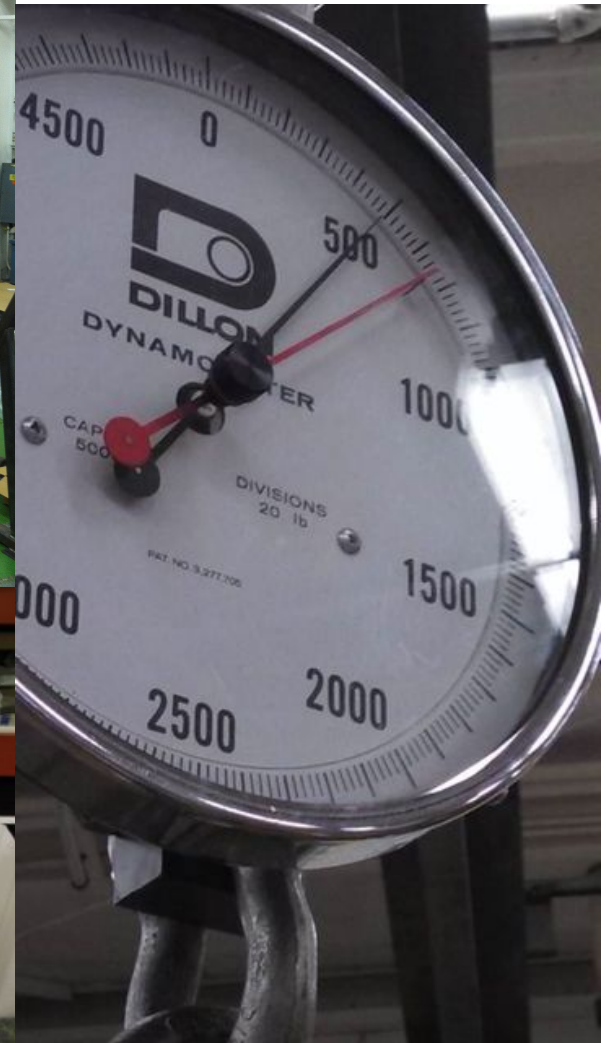
*(Hasn't looked this clean since the photo was taken!)*

**OUT**  
**WITH *the* OLD**





# Unpacking



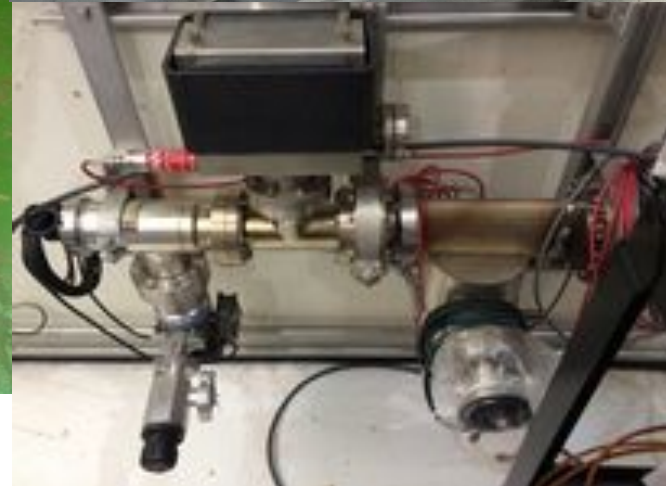
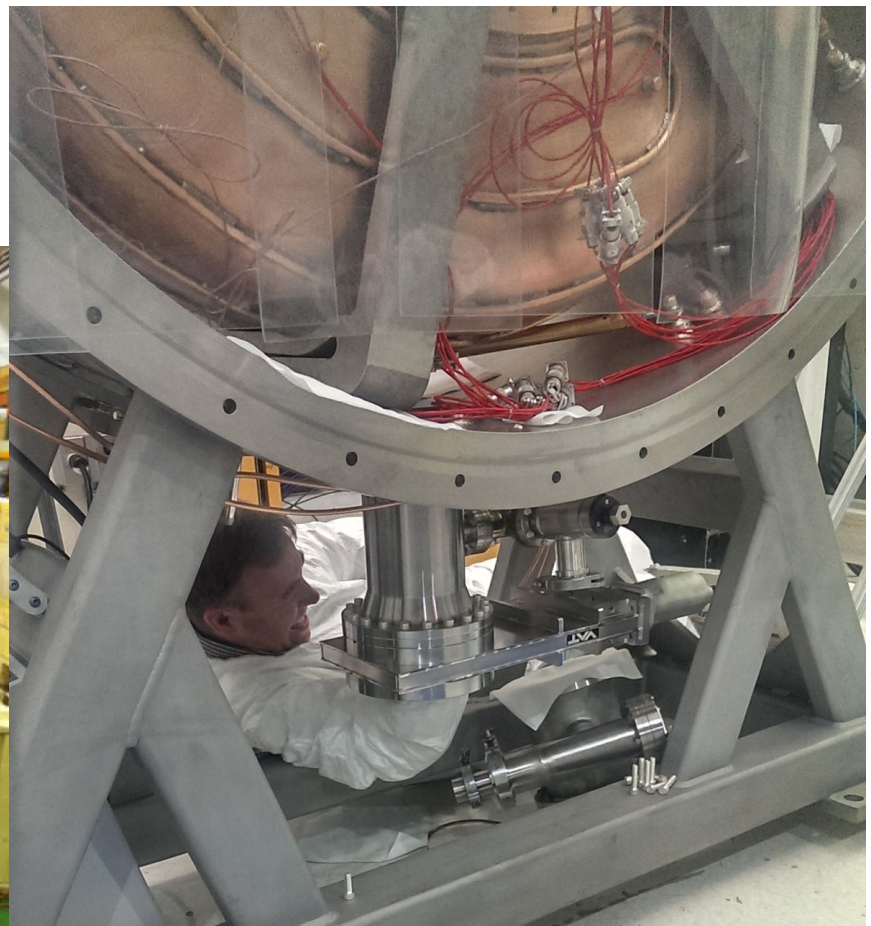


# *Inspection of Components*





# *Vacuum System*





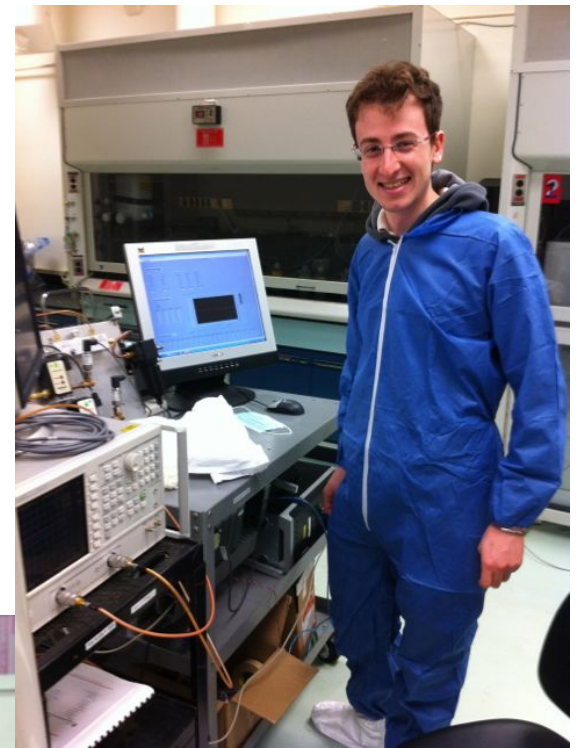
# Prepping the Tuners



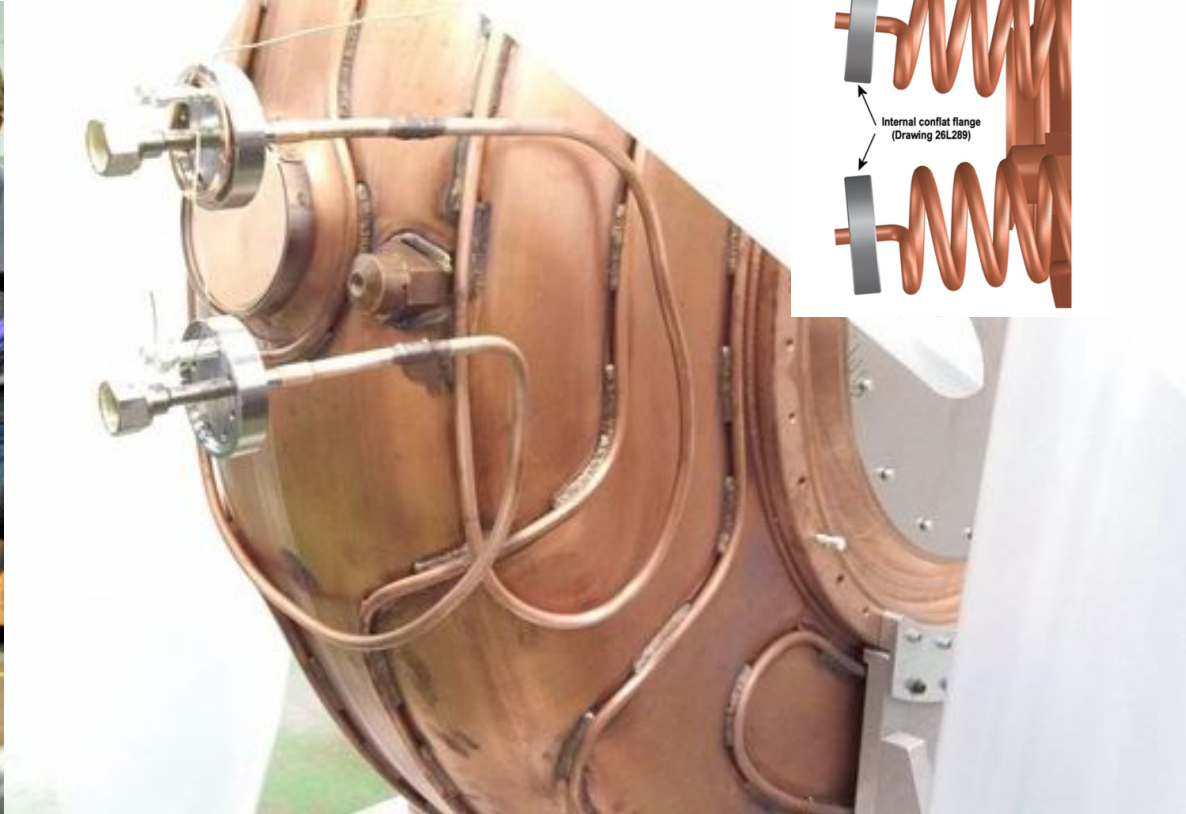




# *Tuner Measurements*



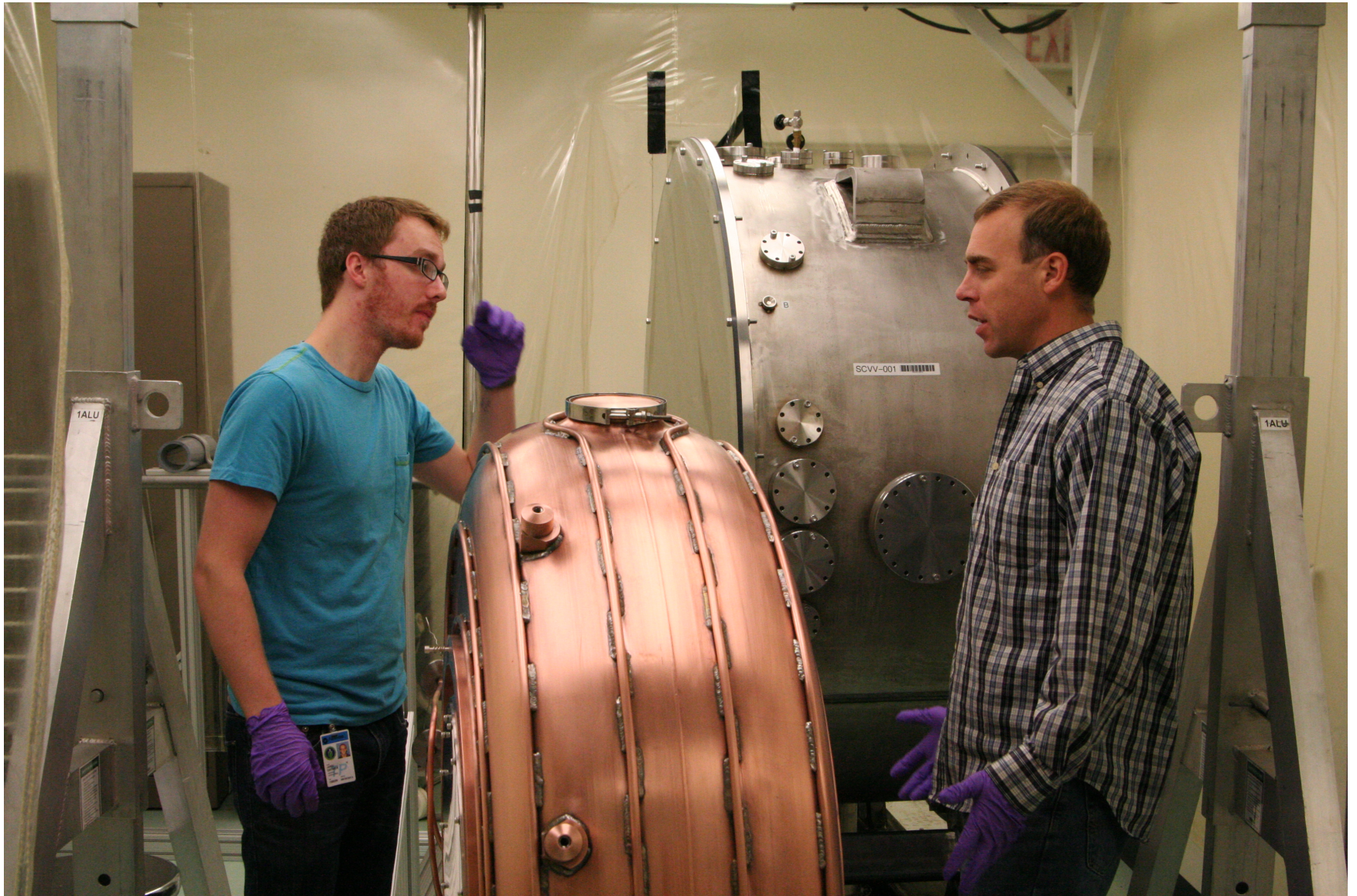




# *Water Connections*



*First Day in Lab 6 Clean Room (not so clean yet)*





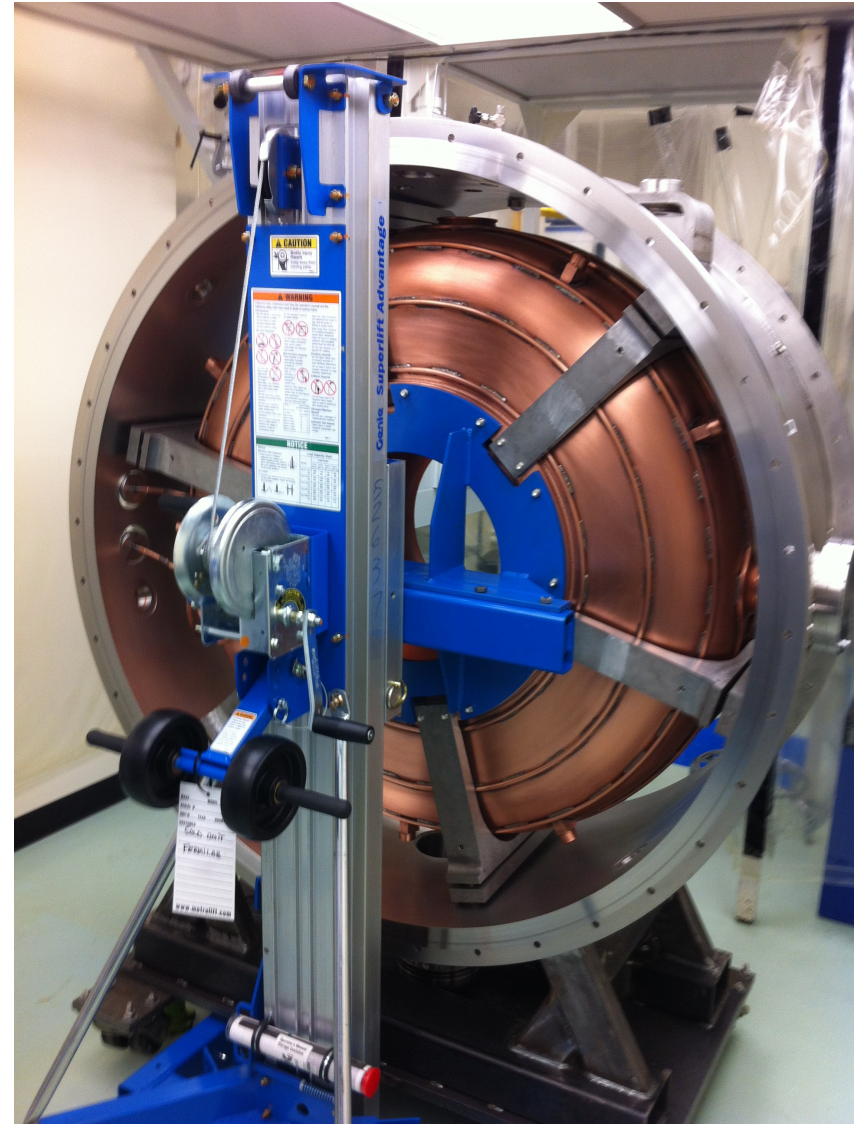
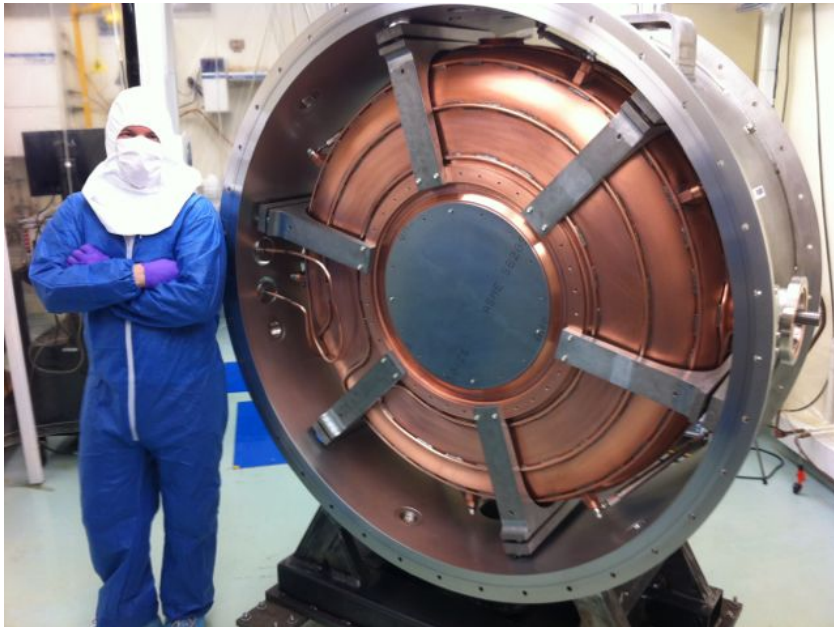


## *Hexa-strut Suspension*



THREE BLIND MICE

# *Move from Horizontal to Vertical Insertion*





*Happy to be this far along!*

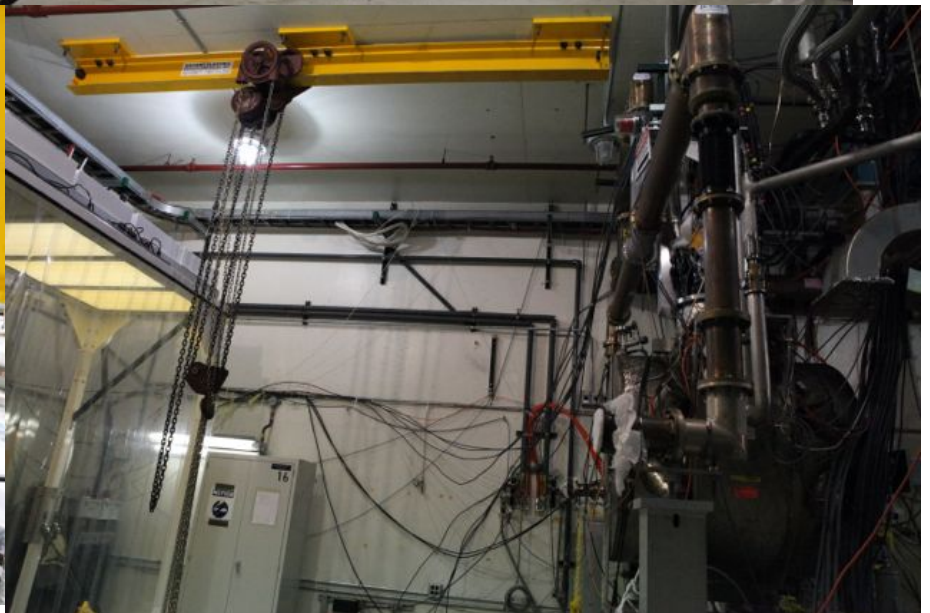


*Happy Holidays*





# Crane Installation and Lift Testing





*Cleaning  
the  
MTA  
Clean Room*



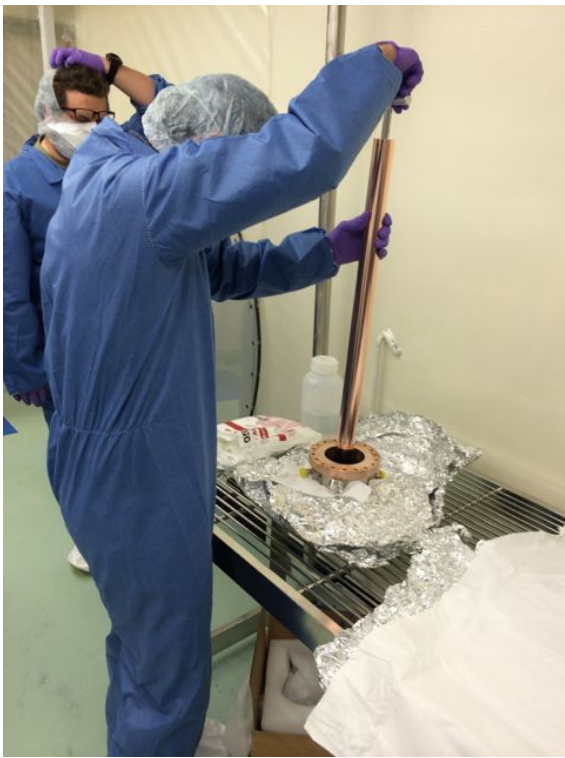


# *Couplers*



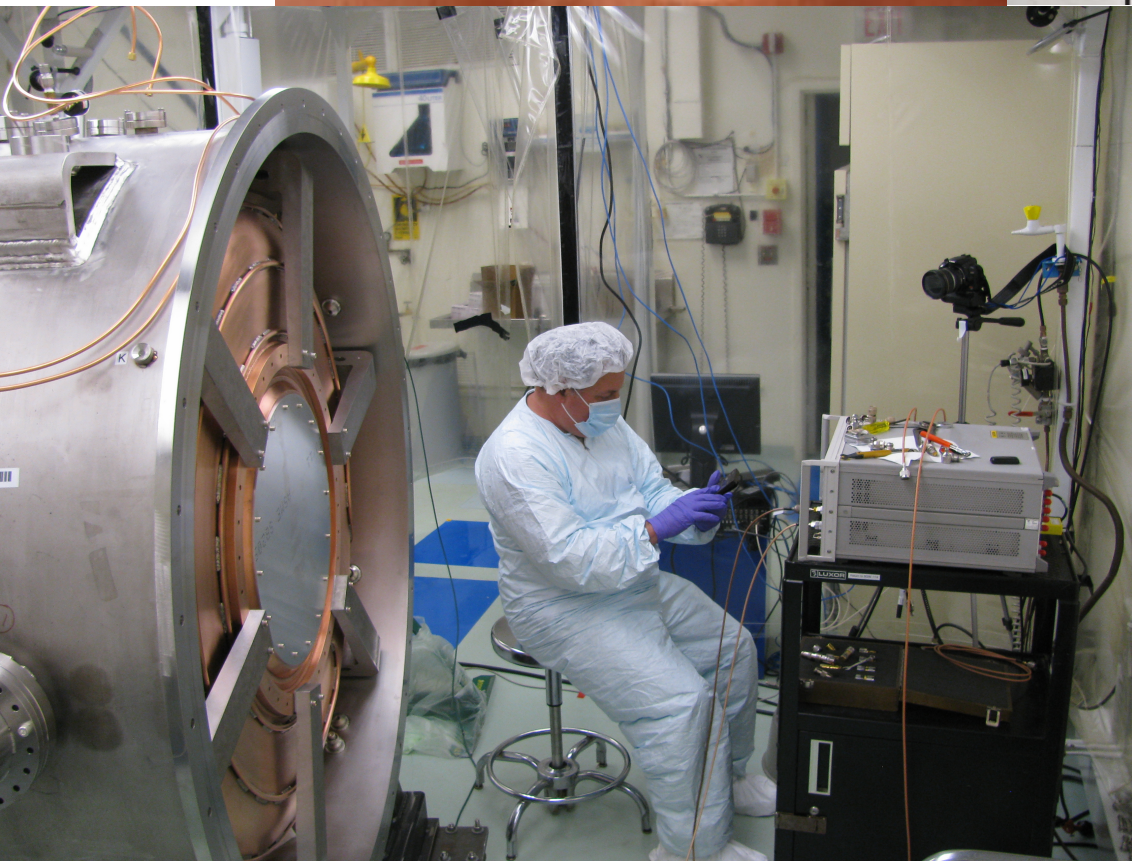
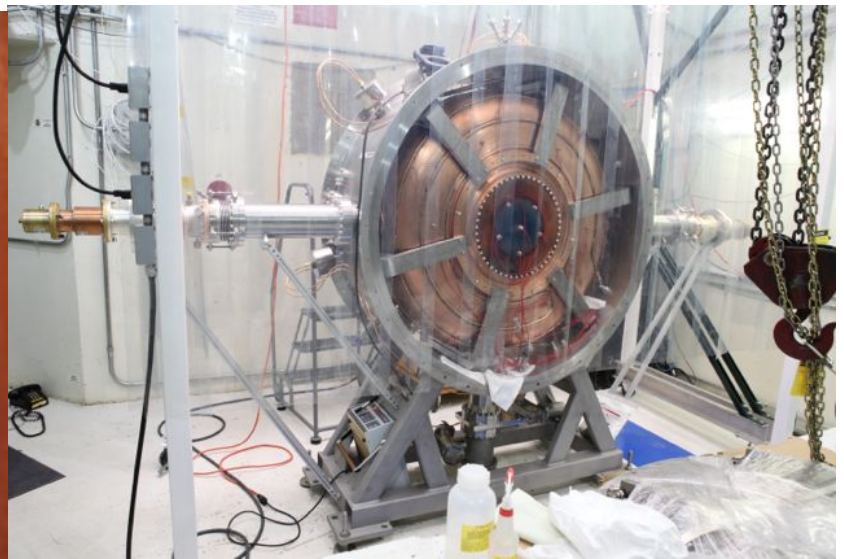
**Finally!**





*Coupler Assembly  
Leak Test  
Cavity Insertion*



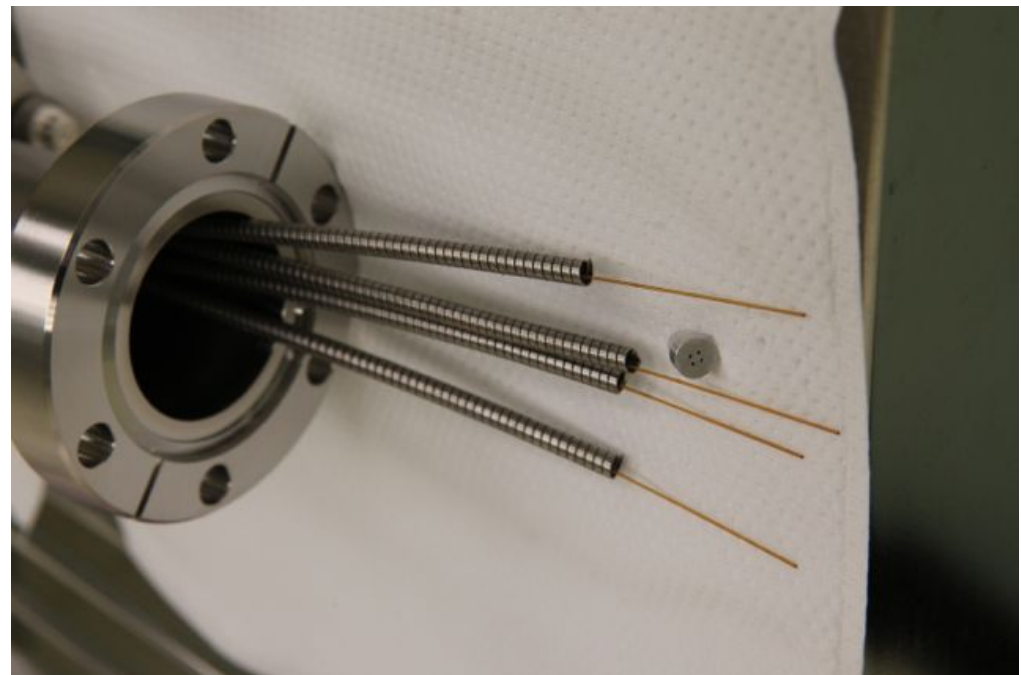


*Fun  
With  
Couplers*





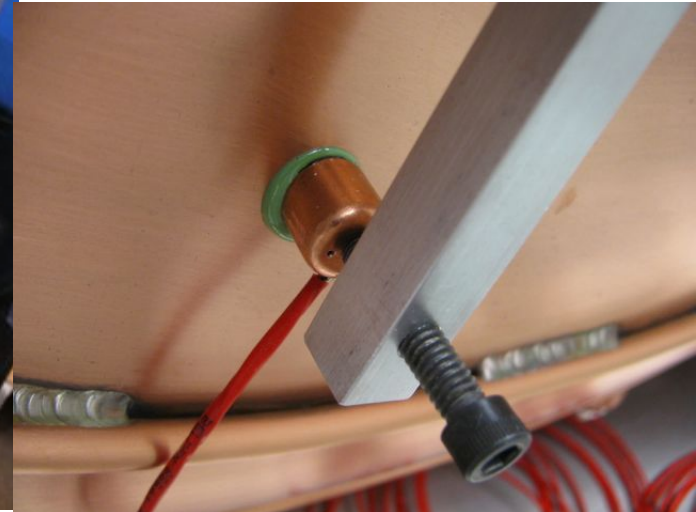
# Top Hat Fiber Arc Detection



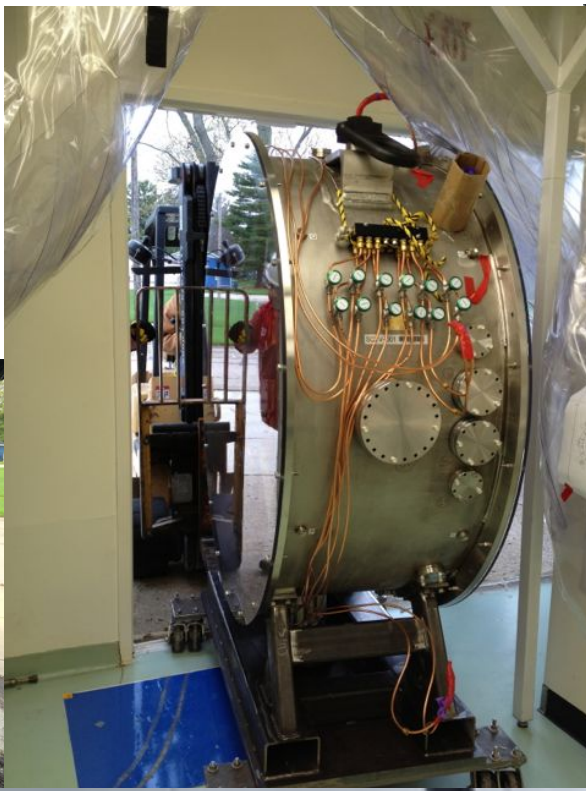




# Mr Microphone





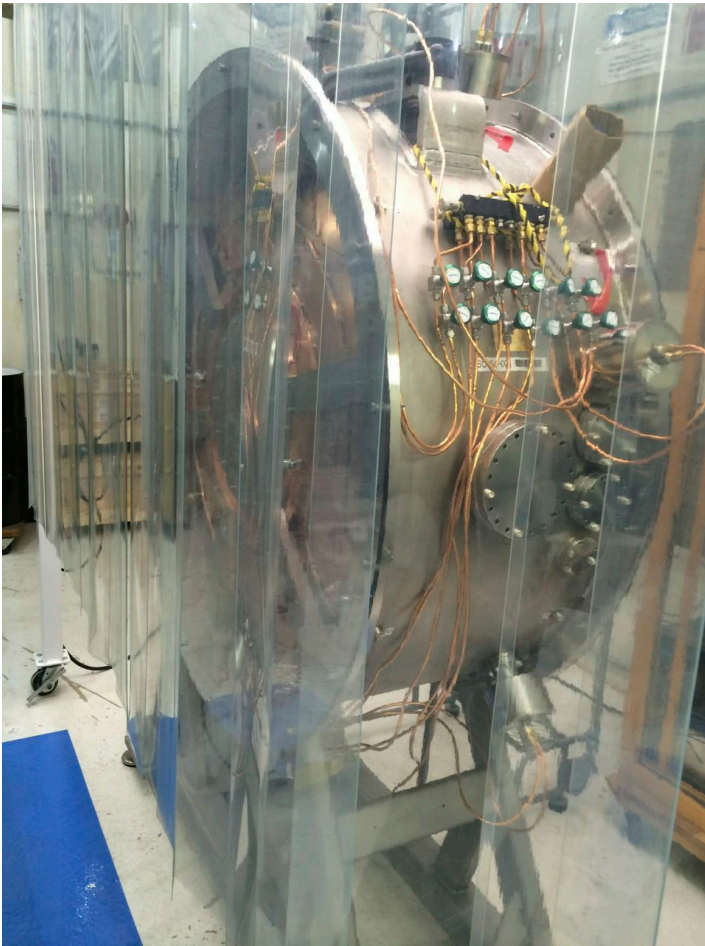


*Moving  
Day*





*Final Assembly Stage  
in  
MTA Clean Room*



# What's Next?

- *Final clean up and instrument checkout*
- *Seal vessel and leak check*
- *Bake out*
- *Hook Up RF*
- *Begin conditioning (Mid to Late June???)*

